

1958

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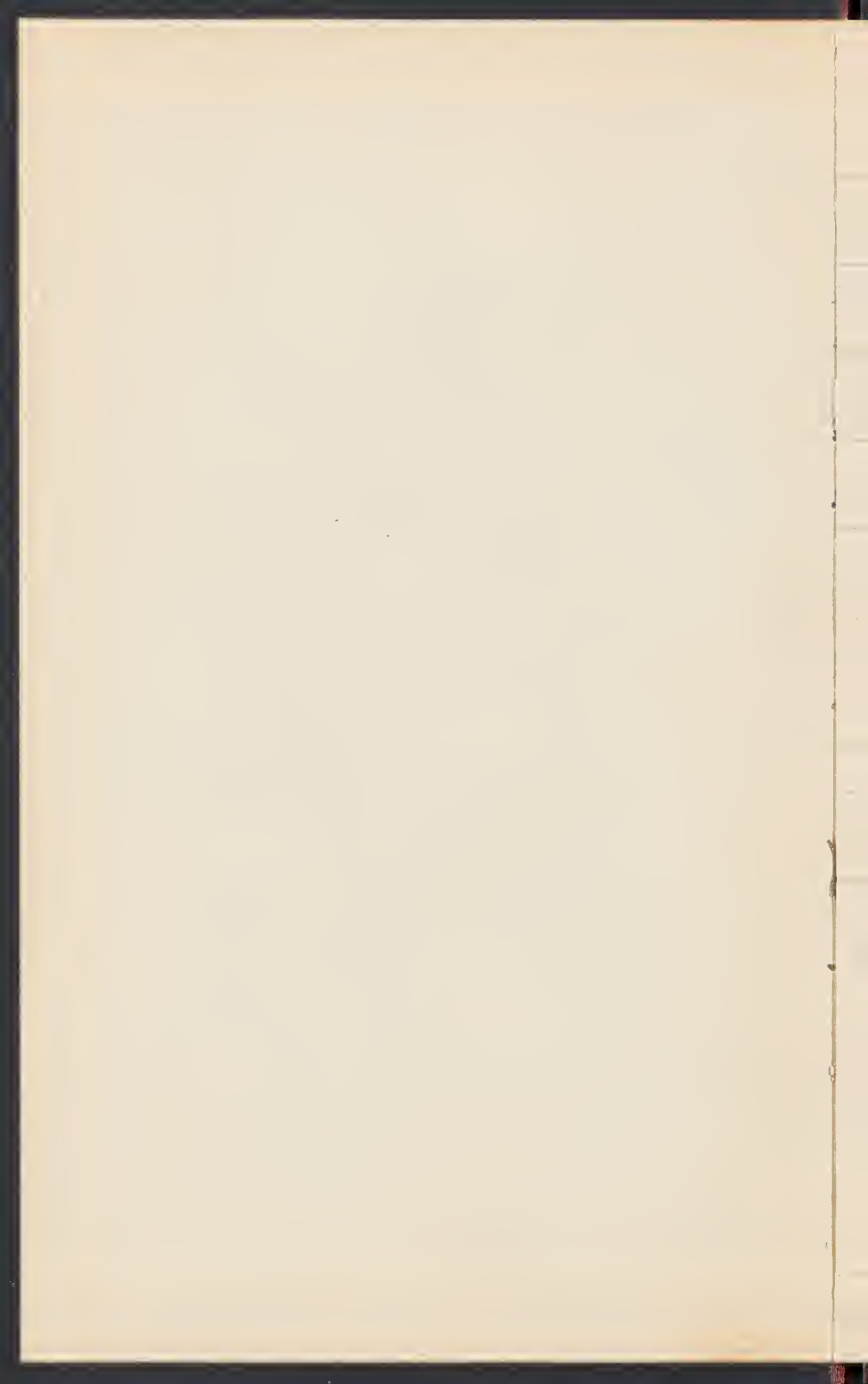
Reed C. Rollins

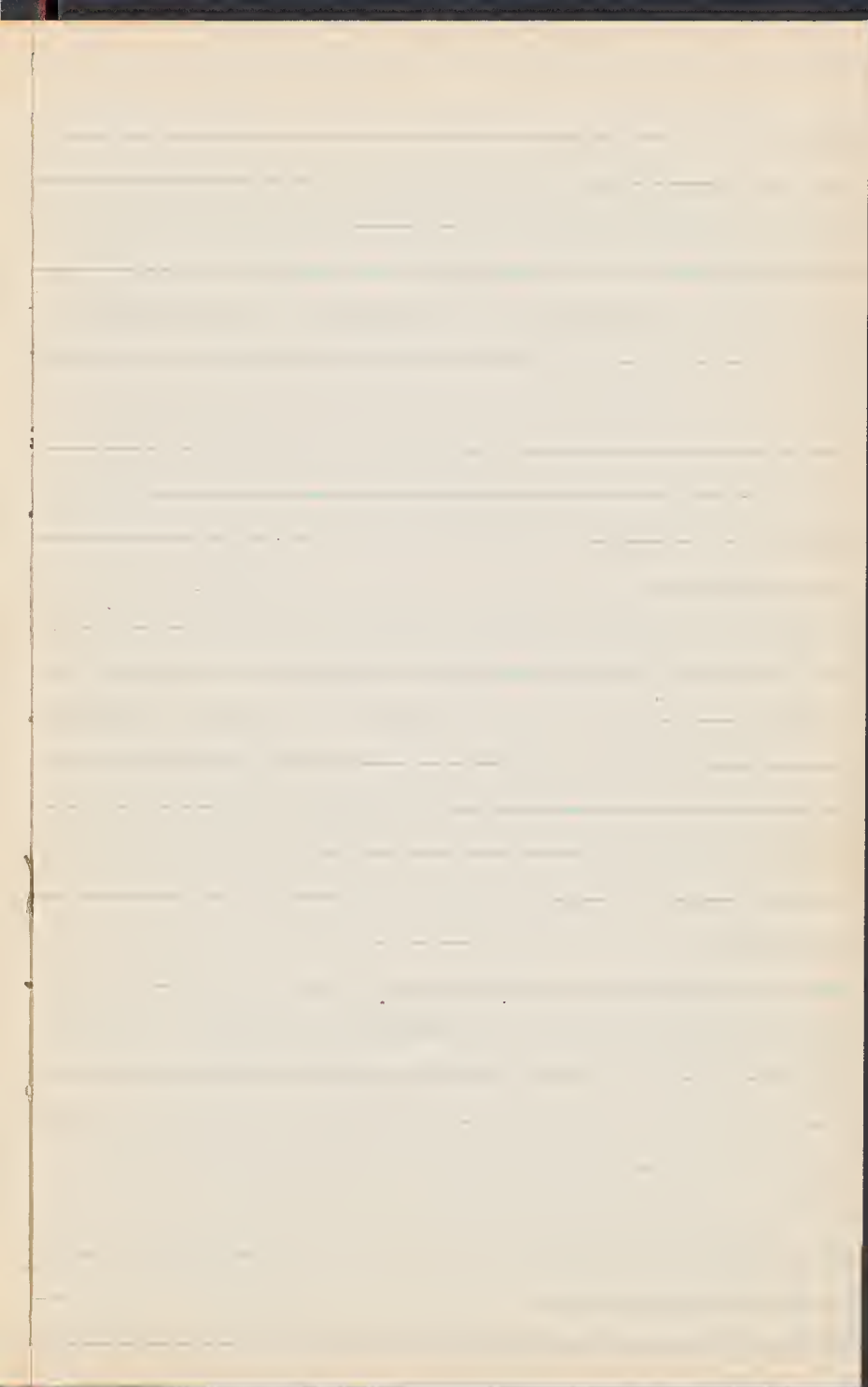
22 Divinity Ave.

Cambridge 38, Mass.

U. S. A.







With Rolla M Trayon

- 5801 *Parthenium leptophyllum* b. (2)
Fls. white, abundant in fields
and along roadsides, 3 miles north
of New Braunfels, Comal Co.,
Texas. Nov. 13, 1958

Malaga 2409

- 5802 *Linum rigidum* Pursh var. *filifolium*
Shinnars
Fls. orange, perennial, 4 miles
southwest of C. Nuevo Laredo,
Tamaulipas, Mexico - Nov. 14
Sandy area

- 5803 *Pleopxia texana* D.C. var. *texana*
Shrubby, ligules purple;
as 5802

- 5804 *Heliotropium confertifolium* (Torrey) Torr.
Fls. white, clumps compact.
as 5802

5805 *Dyssodia pentachaeta* (D.C.) Pol. var. *pentachaeta*
Pect.
Cascapilla, fls yellow
as 5802

5806 (*Pectis*) *Gutierrezia glutinosa* (Schauer) Sch. Bip.
Shrubby up to 2 ft., diffusely branched
as 5802

5807 *Parthenium confertum* Gray (5)
Fls white var. *lyratum* (Gray) Holmes
as 5802

5808 *Argythamnia neomexicana* (Engelm.)
Muell. Arg.
gravelly soil 34 miles south
of Nuevo Laredo, Nuevo Leon
Nov 14

5809 *Thloestina tripteris* D.C. Comp
Ray fls white

5810 *Lantana graveolens* HBK Verben
Shrub. - 1-3 ft. high - minty odor.

- 5811 *Ximerisia encelioides* Cav.
Fls. yellow - Diffusely branching
as 5808
- 5812 *Bouteloua trifida* Thurb. (6)
perennial det. Kiesler
as 5808
- 5813 *Panicum hirticaule* Trin. Gramineae (6)
Bunch grass det. Kiesler
as 5808
- 5814 (*Cnidocolum*) *Solanum rostratum* Dunal
Fls. yellow, clumps along road.
- 5815 *Chamaesaracha coronopus* (Dunal) Gray
(*Physalis* ?)
Fls. cream colored, clumps
annual.

5816 *Physalis lobata* Torr.

Fls. purple.

Annual.

as 5808

5817 *Sphaeralcea hastulata* Gray (Malvaceae)

Fls. reddish-orange

as 5808

5818 *Ipomoea trichocarpa* Ell.

limestone hill, ^{gravel and chips} 1 1/2 miles west
of Monterrey, Nuevo Leon,

Alt. 2100 ft.

Nov. 15, 1928

Fls. rose purple

5819 *Commelina erecta* L.

Fls. pale blue

as 5818

5820 (*Martynia*) *Protorocidia fragrans* (Lindl.) Benth.

Fls. deep purple, yellow at center of
lower lip, splotted

as 5818

- 5821 *Mirabilis* (*Allionia*)
Fls. bright carmine,
perennial
as 5818
- 5822 *Commelinia erecta* L.
Fls. deep sky blue,
as 5818
- 5823 (*Convolvulus* ?) *Sponsea costellata* Torr.
Fls. white, scrambling vine.
as 5818
- 5824 *Allionia incarnata* L.
Stamens in groups, fls. pink
- 5825 *Tridax coronopifolia* HBK. ^{Idemsh.} (Comp.)
Rays white, disc yellow.
Perennial

Chamaecybe cuneata (Bours.) Millsp.

5826 (*Euphorbia*)

annual, erect and highly branched,
stems red.

as 5818

5827 *Eragrostis cilianensis* (Willd.) ②

annual, decumbent. *lutata*

as 5818

det. Reeder

5828 *Cyperus inflexus* Muhl. (sedge)

annual, low wet spot.

as 5818

5829 *Tradescantia micrantha* Torr.

Fls. pink.

as 5818

5830 (*Cerastium*) *Drymaria laxifolia* Benth.

Fls. white.

- 5831 *Berlandiera lyrata* Benth. Comp.
heads yellow, perennial
as 5818
- 5832 *Mentzelia hispida* Willd.
Fls. orange
as 5818
- 5833 *Lanvitalia scymoides* DC Comp
Rays lemon yellow
as 5818
- 5834 *Evolvulus alsinoides* L.
fls. blue to pale blue
Stems trailing on ground.
- 5835 *Cordia foissieri* DC
fls white with yellow throat, shrub.
as 5818
- 5836 *Parthenium confertum* Gray
var. *microcephalum*
Fls. white, perennial
as 5818

- 5837 *Dysesodia micropoides* (DC.) Loes. (Comp.)
 Fls. yellow, foliage waxy
 gravelly knoll, 3 miles south
 of Cadereyta, ~~south~~ east of Querétaro,
 Nuevo Leon, alt. 1400 ft.
 Nov. 15.
- 5838 (*Boehmeria* ?) *Acalypha hederacea* Torr.
 spikes red.
 as 5837
- 5839 (*Physalis*) *Chamaesaracha villosa* Rydb.
 Fls. lemon yellow, annual
 as 5837
- 5840 *Sida procumbens* Sw. s.l.
 Fls. salmon yellow, perennial.
 as 5837
- 5841 *Verbena canescens* var. *Roemeriana*
 Fls. blue, perennial. (Schott) Perry

5842 (*Baccharis*) *Brickellia laciniata* Gray
Shrub 11-15 ft.
as 5837.

5843 *Lantana microcephala* A. Rich.
Fls. white, shrubby at base 1-2
ft.

5844 *Solanum erianthum* D. Don
Fls. white, shrubby, up to 4
ft. high, Cadereyta
18 miles south of Cadereyta,
southeast of Monterrey
Nuevo Leon - alt. 2000 ft.
^

5845 *Eupatorium* sp. Comp.
Shrub up to 6 ft., much branched,
fls. pale pink, nearly white
just east of Alamo, Nuevo Leon
alt. 1800 ft. Nov. 15, '58
(about 40 miles southeast of Monterrey)

5846 *Croton ciliatoglandulifera* O.S. Euphorb.
Fls. white, ...
3-4 ft. high, very branching, glandular
as 5845

5847 *Eupatorium odoratum* L. Comp.
heads ~~purple~~ blue, woody at base, up
to 4 ft. high
as 5845

5848 *Verbesina perricifolia* D.C. Comp.
fls. yellow
6 ft. high
as 5845

5849 (*Solanum*) *Solanum Rollinsii* M.C. Johnston.
Fls. white, fruits with dark green
vertical stripes, then green and finally
yellow when ripe. ...
Hawaii.

(2610)
shaly soil; 28 miles south of
Monterey, N.C. - alt. 1800 ft.

5850 *Euphorbia villifera* Acheek.
as 5849

5851 (*Euphorbia*) *Chamaesyce prostrata* (Ait.) Small
plants prostrate
as 5849

5852 *Oxalis drummondii* Gray
Fls rose purple, under leaf surface
deep red.
(det M.F. Denton)
Sharp bank, road up Chipping
Mesa, ^{on the} west of Montezuma,
alt 3200 ft. Nov. 16, '77

5853 *Sesuvilla pallens* (Pursh) Spring (3)
Wet bank, as 5852

5854 (*Antennaria*) *Stellaria prostrata* Ell.
Fls white, succulent
as 5852

5855 *Nema biflorum* Choisy Desmanaceae?
Fls white, caespitose
as 5852

5856 *Eupatorium* sp. Comp
Fls. white, sparsely shrub, top of
bank.
as 5852

5857 *Salvia wrolepis* Fern., var. aff.
Fls. blue. shrub. 3-4 ft. high
as 5852

5858 (photo) *Arbutus xalapensis* HBK
Fruits red. shrub about 3 ft. high
rock, oak, pine woods,
4, 300 ft
no. 16

5859 *Pilea microphylla* (L.) Liebm.
wet bank
as 5858

5860 *Pellaea atropurpurea* (L.) Link ①
Rocky bank
as 5858

5861 (*Agave* in) *Chaptalia nutans* (L.)
Heath - Polak.

5862 *Cyrt. umbonatum* (Underw.)
Among rocks in oak woods
as 5858

5863 *Blasoa cordifolia* Lag. ②
Among limestone rocks, oak
woods - as 5858

5864 *Pteridium aquilinum* var. *caudatum* (L.) Sadleir ②
Among limestone rocks, oak
woods, as 5858

5865 (*Phyllanthus*) *Acalypha dioica* S. Wats.
pine woods. mostly at base

5866 (*Bernardia*) *Croton fruticulosus* Torr.
low sprawling shrub, up to 3 ft.
high, divaricate, oak-pine woods
as 5858

5867 *Eupatorium incarnatum* Walt (Comp.)
low ~~spreading~~ trailing, heads slender
stoloniferous.

5868 *Notthofaria bivalve* (L.) Britt.
petals white with a purple tinge
on the under side
oak-pine woods, as 5858

5869 *Polypodium plesiosorum* Agc. (2)
on limestone rock, as 5858

5870 *Cardamine mexicana* Schrad. (4)
limestone chip, as 5858

- 5871 *Cardamine auriculata* Wats. 8
fls. white, wet bank. highly branched
alt. 4, 400 ft.
- 5872 (*Ceraetium*) *Drymaria laxiflora* Benth.
Fls white, highly branched
as 5871
- 5873 *Cardamine mexicana* Schreb.
Steep slope, ^{and open talus} fls. white, plants
herbaceous
as 5871
- 5874 (*Epilobium*) *Oenothera luntthiana* (Spect)
Fls deep rose, open talus ^{Many}
as 5871
- 5875 *Eupatorium* Sp. Comp.
heads white, herbaceous, stem square
as 5871
- 5876 *Stevia berlandieri* Gray
heads light pink, shrub about
~~1~~ 1-2 ft. high
as 5871

5877 *Ruhia chlorolepis* W & S Comp.
Woody at base, heads maroon,
as 5871

5878 *Eupatorium* sp.
Heads light purple, ^{herbaceous} woody, etc.
alt. 4,000 ft. otherwise as
5871

5879 (*indica*) *Hedyotis nigricans* (Lam.) Fosc.
Fls. white, perianth
3 miles west of Monterrey,
alt. 2500 ft.
Nov. 16th 58

5880 (*indica*) *Aloysia macrostachya*
Shrub, up to 10 ft. high.
Fls. rose purple
as 5879

5881 (*indica*) *Nierembergia viscosa* Torr.
Fls. rose purple, woody at base,
as 5879

5882 (*Oenothera*) *Calylophus Hartwegii* (Benth)
Raven
Fls. yellow, perianth
limestone hills, western side of
Monterey, alt. 2100 ft.

5883 *Euphorbia dentata* Michx.
lunul.
as 5882

5884 (*Scutellaria*) *Salvia texana* (Scheede)
Torr.
Fls. deep blue, perianth
as 5882

5885 *Floerestina tripteris* DC. Torr.
Fls. & seeds white
as 5882

5886 (*Euphorbia*) *Chamaesyce nutans* (Lag.) Arnott
Vergately branched, round.
as 5882

5887 *Abutilon hypoleucum* A. Gray
Fls. yellow, shrubby up to 5 ft.
high.
as 5882

5888 (*Salvia*?) *Lippia graveolens* HBK
Fls. white, shrubs 2-3 ft. high
as 5882

5889 (*Sida*) *Herissantha crispata* (L.) Brinckley
Fls. brown, up to 10 ft. high.
as 5882

5890 (*ptelea*) *Neophriglea integrifolia* (Hensl.)
Shrub up to 10 ft. high. Wats.
as 5882

5891 *Salvia ballotaeflora* Benth.
Fls. pale blue, shrub 2-3 ft. high.
as 5882

5892 (*Baccharis*) *Brickellia laciniata* Gray
Shrub 3 ft. high, lvs. white.

5893 *Lepidium greggii* Gray (7)
Fls. white, sprawling, perennial
gravelly outwash, 5 miles west
of Santa Catarina toward Sactillo,
alt. 3000 ft. - Nuevo Leon
Nov. 17

See 58321

5894 *Lepidium lasiocarpum* Nutt.
Annual. as 5893

5895 *Verbeina quadrangulata* Heller
Fls. white. Annual.
as 5893

5896 *Abronia* ?
Fls. carmine, pl. 2 viscid
as 5893

5897 (Santa Maria) *Palvia rhyacophila* Fern.?
1 ft high fls. pale blue

5898 (Cuitillaria) *Palvia reflexa* Hornem.
3 ft tall fls pale blue

5899 *Gutierrezia microcephala* (DC.) Gray

woody shrub - tall
rays yellow
as 5893

58100 *Crotophaga mexicana* (Bridg.) I.M. Johnston.
Fls. white, annual
as 5893

58101 *Nema perpyllodes* Gray
corolla shell pink,
as 5893

58102 *Tragus Berteronianus* Gray (4)
Schult. Lit. K. etc.

58103 *Heliotropium angigourense* Nees.
Boiss. & Heldr.
to 1 1/2 ft tall, 115. Lts.

58104 *Draba cuneifolia* Nutt. (7)
var. integrifolia Watson
Annual, shade of large bunches,
gravelly slopes, between Monterrey
and Saltillo, 24 miles east
of Saltillo in Nuevo Leon.
alt 4000 ft.
Nov. 17th

58105 *Nerispermia camporum* (Gray) Greene (2)
perennial, gravel outwash from
mountain, between Saltillo and
Monterrey, 21 mi. ~~west~~ east
of Saltillo, Nuevo Leon
alt 4,000 ft.

58106 (*Memphila* ?) *Nama undulatum* HBK.
Fls. magenta, flat desert, canyon
floor,
alt 4,200 ft.

58107 (*Memphila* ?) *Coldenia purpusii* Brongn.
Fls. magenta, forming mats.
as 58106

58108 *Parthenium incanum* HBK
low shrub, 2 ft high
as 58106

58109 *Heliotropium Torreyi* L.M. Johnston.
low grey shrub, 1 ft high. 5000 ft alt.
lunar, steep slopes
as 58105

58110 *Flourensia cernua* DC. Comp
viscid shrub, 1-2 ft, desert.
heavy soil, 10 miles east of
Sathelo, Cochila - 4,800 ft.
Nov. 17.

58111 *Tridens avenaceus* (HBK.) Gram. ⑥
tuffed + toment.
as 58110 det. Reeder

58112 *Pectis angustifolia* Torr. Comp.
heads yellow, prostrate
as 58110

58113 *Flaveria trinervia* (Spreng.) C. Mohr (Comp.)
prostrate herb, somewhat succulent,
heads yellow
as 58110

58114 (*Octelia*) *Haploesthes greggii* Gray var. *greggii*
heads yellow, shrubby at base
as 58110

58115 *Sesuvella argyrea* [complex]
Shrub prostrate, flowers purple
2 miles south of Tuxtilla, Coahuila
alt. 6,000 ft Nov. 18
subsp. *diffusa* (Roll.) Roll. & Shaw

58116 (*Hypochaeris*) *Disyrrinchium scabrum* C & S
Fls. yellow, purple at base
found near Tuxtilla
as 58110

dioica Cav.

5811 *Glycyosperma palmeri* Wats. liliaceae
Fls. pale, corolla with dark orange, stamens,
as 58113

5819 *Portulaca bipinnatifida* (Ortega) Rollins
Annual, p. 100

5820 *Townsendia mexicana* Gray
perennial, p. 100

5821 *Argemone argyrea* (Gray) Wats.
Stems deep + white with
white spots

$n = 7$

5822 *Loeselina coerulea* Don. mint
Fls. purplish blue, calyx translucent
as 58121

58123 *Dipsodia pinnata* (Cav.) Rob. ^{var. pinnata}
Comp.
heads with deep orange, perianth
as 58121

58124 *Dipsodia petifolia* (Lag.) Rob. ^{var. petifolia}
Comp.
heads reflex, orange, subsessile
as 58121

58125 (*Helia* ?) *Hedyotis acenosa* Gray
Fls. pinkish lavender, perianth
as 58121

58126 *Bouteloua gracilis* (HB.) Lag. (4)
as 58121 det. Nees

58127 *Brickellia veronicaefolia* var. *petraeophila* (Robt.)
Robt.
Comp.
Rayless, small shrub up to 8 inches
high
as 58121

subsp. diffusa (Roll.) Roll. & Shaw

58128 *Lesquerella argyrea* [complex]

Seemingly more dense than 58127

12 miles south of Salt Wells,

alt. 6,400 ft.

open plain

58129 *Gnildardia comosa* Gray

Rays reddish orange

as 58128

58130 *Nerispermia Castilhonii* Rollins

Fls. white to pinkish - mostly white

hemispherical clump with ascending

leaves and stems, clay-like flat,

15 miles south of Salt Wells,

alt. 6,600 ft.

Nov. 18,

58131 *Lesquerella fendleri* (Gray) Wats. ⁽⁶⁾

hemispherical clump, as 58130

n = 6

58132

Portulaca confertiflora Gray var. *lyrata*

(6)

Large root - here 3 or possibly 4 in
in 58130

58133

Cibotarium stellatum (Wats.) Schulz

(12)

apetals, slightly erect, at base, greenish,
in shade of a l a. 2 shrubs growing
on a low pass, 26 miles south
of

Nov. 18

58134

Cibotarium macropetalum Rollins

(12)

plants with long foot growing on
of low shrubs.

as 58133

58135

Salvia greggii Gray

Shrub about 3 ft high fls
bright
as 58135

58136

Astragalus Schaffneri (Wats.) Schulz
 var. *pringlei* (Schulz) Rollins
 fls. white, leaves dark, widely branching,
 often growing in middle of desert
 brush. alt. 10-15 ft.
 as 58133

(12)

58137

Nolina sinuata var. *cochiseana* (Gooden) Wootte
 thorny base of desert shrubs, leaves
 as 58133

(1)

58138

Echinocolla Wrightii Hieron
 moist earth along stream bed.
 as 58133

(1)

58139

Cubotomum macropetalum Rollins
 fls. white, petals spatulate, shade
 of desert shrubs, steep slopes,
 12 miles east of Saltillo, Coahuila
 alt. 6,000 ft.
 Nov. 19, 1958

(10)

58140

Lesquerella Fendleri (Gray) Wats.
 erect habit, only plant found.
 as 58133

(1)

58141 *Spodopora antiapophilitica* May.
Small plant, slender, but wide
as 58135

58142 *Leptogonella argyrea* [complex] (Gray) Wats.
Prostrate, glandular
as 58139
subsp. *diffusa* (Roll.) Roll. & Shaw

58143 *Natholoma parvifolia* Tryon ①
Steep yellow - brown
as 58138

58144 *Puccinia intermedia* (Berk.) Kuhn ①
as ~~58143~~ 58143

58145 *Phellanthus castanea* Maxon ①
as 58143

58146 *Phellanthus aschenbrenneri* Kl. ①
as 58145

58147 *Notanthes sinensis* var. *integerrima* Hook. (2)

58148 *Melampodium leucanthemum* Griseb.
Fls. white to rusty var. *argophyllum*
(Gray) Planch.
as 58139

58149 *Lesquerella Fendleri* (Gray) Wats. (5)
Rocky slopes 2 miles, 15 miles south of
Cimilillo, all to 5000 ft.
Coahuila

58150 *Lesquerella cuneifolia* Nutt. (5)
Rocky slopes, 15 miles south of
Cimilillo, all to 5000 ft.

58151 *Salvia greggii* A. Gray
Fls. blue, 15 miles south of
Cimilillo, all to 5000 ft.
as 58149

58152 (Leaves) *Buddleia marrubifolia* Benth.
Fls. orange, shrub 4 ft. high
Cimilillo
as 58149

58153 *Nothola* *mitae* (Maxon) Brown^①
Var. *Mexicana*
Sole of steep bank among rocks and
near desert shrubs.
as 58149

58154 *Nothola* *mitae* (Maxon) Brown^①
Var. *cochisensis* (2)
dry, stony, open slopes
and desert shrubs.
as 58149

58155 *Nothola* *mitae* (Maxon) Brown^①
Var. *cochisensis*
dry, stony, open slopes
and desert shrubs.
as 58149

58156 *Nothola* *mitae* (Maxon) Brown^①
Var. *cochisensis*
dry, stony, open slopes
and desert shrubs.
as 58149

58157 *Loeselia ciliata* L.
Fls light purple, trailing
herb.
as 58149

58158 *Pinaropappus roosei* Less
head with flat rays, p. l. & r.
pine forest, summit, 21 miles
southeast of Saltillo, alt. 7,300 ft.
uncommon Nuevo León

Nov. 20

58159 *Pinaropappus roosei* Less. comp.
head with flat rays, p. l. & r.
as 58158

Lepidium resiliens Kze. (1)
damp soil
as 58158

58161 *Lesquerella argyrea* [complex]
subsp. *diffusa* (Roll.) Roll. & Shaw
(Gray) Wats.
decid. forest, among rocks
as 58158

58162 *Lepidium oblongum* Small (2)
under shrubs
as 58158

58163

Antiphytum heliotropioides A. DC.
Brong.
Woods at base, fls. white
as 58158

Nuevo León

58164

Acta Schaffneri (Wats.) Schulz (1)
var. *Pringlei* (Schulz) Rollins

as 58158

Nov. 20

58165

Lesquerella argyrea subsp. *diffusa*
decumbent with a terminal raceme,
plants in exposed places much
denser and more numerous
Lower edge of pine woods
3 1/2 miles north of Llaneta, north
of Providencia, Nuevo León.
alt 6,700 ft. Nov. 20

58166

(*Leptocarpus*) *Drymaria latiflora* Benth.

58167 *Lepidium mont.* Nutt., var. *alysoides* (Gray) Jones
level alkali area, about 1 mile
south of, Providencia, ^{Marathon} 46 miles
south of Saltillo. Oct. 5, 1904
Nov. 20

58168 [*Veronica*] *Verbesina encelioides* (Cav.)
as 58167 Benth. & Hook.

det. C. B. Heiser, Jr.
Ximerisia encelioides Cav.
det Marshall Johnston

58169 *Impatiens mexicana* Spr.
large - up to 4 ft. high - in
at high, but common in
as 58167

8170 *Phacelia volcanum* (Seem.) Eich.
on Impatiens as 58167
fruits translucent red.

58171 *Synthyris Greggii* Gray (10)

Fls. purple, decumbent, very
dense.

South of La Paz, & Nuevo Leon.

80 miles south of Saltillo.

Alt. 6,000 ft. Nov. 20

58172 *Aphaerolcea subulata* Coulter

Fls. yellow

as 58171

58173 *Perezia nana* Gray

Fls. yellow

as 58171

58174

begin

Fls. deep yellow to nearly orange

as 58171

58175 *Nerayra Castillonii* Rollins

(4)

Fls. white, rocky slope, many hybrids of grayule & waindora at this stop, 29 miles west of Toluca, Mexico, alt. 5,200 ft. Nov. 20

58176 *Conoclinium greggii* Gray

Fls. blue, rays fine
as 58175

58177 *Dyschoriste linearis* (T & G) Ktze. (approaching *D. guianensis*)
Fls. magenta, with fringed
as 58175

58178 *Lespedeza argyrea* [complex] (Gray) Wats.
dry exposed place in shade of bushes, ~~in~~ bunch above arroyo, 3 miles south of Toluca, alt. 5,400 ft. Nov. 20

subsp. *diffusa* (Roll.) Roll. & Shaw

58179 *Couania plicata* D. Don Rosaceae
 Shrub up to 5 ft high edges
 of bluff above arroyo. Fls purplish
 red, bark grey.
 as 58178

58180 *Argemone argyrea* subsp. *diffusa* (Gray) Wats. (Roll.) Roll. ^{Shaw}
 prostrate, erect, ... at ...
 as to width ...
 ... rocky knoll.
 habitat fairly ...
 ...
 2 miles south of ...
 as 58178 Nuevo León

58181 *Abies macrophylla* ...
 4 miles ...
 alt 6,500 ft.
 Nuevo León

58182 *Artemisia* Schaffneri (Wats.) Schaffner
 var. *purpurea* (Schaffner) ...

58183 *Parthenium bipinnatifidum* (Ortega) Rollins^(*)
Annual, acacia-barra as a
alt. 6,300 ft. in Nuevo Leon
26 miles north of Matamoros,
San Luis Potosí
Nov. 20.

58184 *Lesquerella argyrea* [Coulter]
Prostrate, green or reddish leaved plant
growing in deep sand in white
leguilla thickets, narrower-leaved
more silvery plants growing in
on limestone strip - both in contiguous
patches, siliques spreading at anthesis.
10 miles south of Matamoros,
S. L. P. - alt. 5,500 ft. Nov 21
subsp. *diffusa* (Roll.) Roll. & Shaw

58185 *Salvia stewartii* I.M. Johnston.
Fls. purplish, 20,500 ft.

58186 *Zaluzania triloba* (Ort) Pers. Comp.
Common, barra-acacia scrub
18 miles south of Matamoros, S. L. P.
alt. 4,800 ft.
Nov 21

58187 *Nerisya Castillonii* Rollins (8)
Shrub with small plants
abundant in yucca flat, gypsum
30 miles north of Matamoros
S. P. all 14,500 ft
Nov 21

58188 *Conium maculatum* L.
Shrub blue, long, with
yellow, small, like
as 58187

58189 *Gutierrezia pedunculata* Engelm. ex Wats.
Shrub, small, with
5 ft high and 1 ft
as 58187

58190 *Mytillocactus geometrizans* (Naud.) Corrolean
Cactus
Highly branched, trunk up to 1 ft. in
diameter, branching at base, up to 15 ft.
high, trunk and branches with
spines on the ridges.
5 miles north of Matuhuala,
alt. 5,150 ft.
Nov. 21

58191 *Cibotium stellatum* (Wats.) Schulz (15)
Epiphytic, steep hillside
50 miles northeast of San Luis
Potosi on the road to Matuhuala,
alt. 5,150 ft. Nov. 21.

58192 *Lesquerella schaffneri* Wats.
with terminal rosette, fruiting branches
trailing
as 58191

58193 *Seta Schaffneri* (Wats.) Schulz (6)
as 58191

58194 *Lepidium lasiocarpum* Nutt. ①
as 58191 var. *orbiculare* (Thell.) C. L. Hitchc.

58195 *Asclepias linaria* Cav.
Fls. white, stem up to 5 ft. high
as 58191

58196 *Orobancha ludoviciana* Nutt.
Fls. purplish, lighter in tube
Found near to and comparable
with
as 58191

58197 *Cheilanthes horridula* Maxon ①
Herb. prostrate and woody
as 58191 [see 58318]

58198 *Notholaena pumila* (Hook.) Tuck. ②
Rock crevices and humus pockets,
as 58191

58199 *Sphaeralcea angustifolia* (Cov.) G. Don.
Fls. pinkish. Shrub up to 4 ft
high.
as 58191 Malvaceae

58200 *Sphaeralcea Greggii* Gray
Fls. pinkish-purple, dec. 1-2 ft.
as 58191

(8)

58201 *Helietta parvifolia* Benth.
Shrub. Fls. white.
quite.
as 58191

58202 *Hibiscus cardiophyllus* Gray
Fls. deep red.
Shrubby at base.
as 58191 Malvaceae

58203 *Lobelia berlandiera* D.C.
Fls. blue. open to sea.
15 miles north of San Luis Potosi.
alt. 6,400 ft.
Nov 21, '38

58204

Halimolobos parryi (Hemsl.) Rollins

15
3

also white, gathered in small
clumps and the pedicels
as 58203

58205

Trifolium lasiocarpum Nutt.

2

as 58203 var. *orbiculare* (Thell.) C. L. Hitchc.

58205a

L. oblongum Small - ①

58206

Bouteloua stolonifera Scribn. det. tent.

4

as 58203

58207

Lesquerella schaffneri Wats.

Stems erect, pedicels sigmoid
lying gravel, 16 km. south
southeast of San Juan, N.M.,
S. L. P. alt. 6,400 ft.
Nov. 22

58208

Elymus Greggii Gray, var. *hispidula* Rollins

5

Fl. pale blue. decumbent,
as 58203

58209 *Halimolobos parryi* (Hemsl.) Rollins (4)
shade and protection of heavy bushes, a
cacti - 18 Km. southwest of ~~San Mateo~~
alt. 6,400 ft
Fls. white S.L.P.!

58210 *Securaria Virletii* (Fourn.) Schulz (4)
glandular, ped. short, sepals
pubescent, cal. lobes
as 58209

58211 *Nerineopsis Castillonii* Rollins (4)
Fls. white
as 58209

58212 *Lespedeza schaffneri* Wats.
large plant, shrub - mostly in open
sunny areas
58209

See 58319 from same loc., as 58209

58213 *Cheilanthes myriophylla* DC. ②
limestone in shade
as 58209

See 58319

58214 *Phytolacca iccandra* L.
limestone, growing up to 3 ft
15 miles west of San Juan Potosi
S.W.P. - alt. 12,800 ft.
Nov. 23.

58215 *Cheilanthes* sp. ①
moor mats (nearby) on rocks
shaded hillside, 15 miles west of
San Juan Potosi - Sierra San
Mateo.

58216 *Notholaena aurea* (Poir.) Desv. ①
as 58215

58217 *Salazarella pallescens* (L.) Spring ①
as 58215

58218 *Pellaea ternstroffii* (Cav.) Link var.
as 58215 *ternstroffii* ①

58219 *Pellaea ternstroffii* (Cav.) Link var.
as 58215 *ternstroffii* ①

58220 plantage
Rocky knoll

58221 *Pegopogon cenchroides* HB ⑤
as 58220 ex Willd.
det Kecker

58222 *Pellaea ovata* (Desv.) Weath. ①
at base of arborescent cacti, gentle slope
40 miles southwest of San Luis Potosi
S. L. P. alt. 7,400 ft.
Nov. 23

58223 *Notholaena urea* (Poir.) Resv. ①
as 58222

58224 *Nötholaena sinensis* (Sw.) Hausskn. var.
as 58222 *sinensis* ①

58225 *Chelidonium* ^{AA}*myriophyllum* Desv. ②
as 58222

58226 *Pulsatilla sagittata* (Pav.) Link. var.
as 58222 *cordata* (Pav.) A.F.
Troyon ②

58227 *Nothocardinia bivalve* (L.) Britton
fls white, purple interior
sunny grassy area

58228 (*sinensis*) *Mecardonia vandelliioides*
Fls yellow (HBK) Pennell
as 58227

58229 *Habenaria Palmeri* (Hemsl.) Schlegel ①
var. *acutifolia* Robinson
base of cacti as 58222
only plant for 2

58230 *Aphaerolcea angustifolia* (Cav.) G. Don
Rose lavender fls, 4 miles west
of Ojuelos de Salisco, Jalisco
alt 7,600 ft.
Nov. 23

58231 (~~Helianthus~~) *Evolvulus prostratus* Rob?
Fls yellow, woody at base. Shrub
in decaying rock 5 miles west of
Ojuelos de Salisco
alt. 7,600 Nov 23

58232 *Selaginella Sartorii* Hieron. (2)
moss on rocks under ...
as 58231 [see 58320]

58233 *Selaginella rupestris* Underw. (1)
... on the rocks, crevices in
thin soil, 26 miles west
of Ojuelos de Salisco, Jalisco
alt 7,400 ft. Nov. 23

58234 *Selaginella Sellowii* Hieron. (4)
as 58233

58235 *Chloranthus Lindheimeri* Hook. ①
abundant in wet places
in rock crevices
as 58232

58236 *Marsipia mexicana* H.B.K. ③
Floating in small ^{ephem.} pool, 2 1/2 mi
northwest of Aguascalientes,
Aguascalientes all in 30 ft.
Nov. 24

58237 *Lepidolobos cordatum* Gray ①
Under acacia in
flat land, 19 miles south of
Zacatecas, Zacatecas

58238 *Lepidolobos virginicum* L. ②
as 58237 var. *durangense* C. L. Hitchc.

58239 *Halimolobos Palmeri* (Hemsl.) Schulz ③
as 58237 var. *acutiloba* Rollins

58240 *Parthenium bipinnatifidum* (Ort.) Roll.
as 58237 an. 20

58241 (*Pectis*) *Dipsodia tenuifolia* (Cass.) Loeb.
Comp.
Fls. orange, annual 58237

58242 *Plantago*
as 58237

58243 *Parthenium simplex* Hag. (5)
prostrate 58237 det. Hervey

58244 *Lesqueris argyrea* [complex]
prostrate at right angles to
road, limestone rubble, fruit
narrow decumbent
5 miles north of Zacatecas
Zacatecas - alt. 7,500 ft
Nov. 24
subsp. *diffusa* (Roll.) Roll. & Shreve

- 58245 *Lesquerella argyrea* [complex]
Fls. yellow, fruiting stems decumbent,
calyx open at anthesis, lvs. rubic.
hillside, 12 miles north of
Zacatecas. alt 7000 ft.
Nov. 24
subsp. *diffusa* (Roll.) Roll. & Shaw

- 58246 *Reesda luteola* L.
Vigately branching herb. apetalous.
filamentous
as 58245

- 58247 *Hemiletus lasioides* (Benth) Gray⁽²⁾
Fruit. expanding at anthesis
to slightly above the base of the
bractling, fls. white
protection and shade of north coast.
20 miles north of Zacatecas,
Zacatecas - alt 7000 ft.

- 58248 *Torreyia mexicana* Gray
Herb. decumbent, rays white
as 58247

guerrifolia (HBK)

- 58249 *Datura stramonium* L. subsp. *Barclay*
Annual, widely branched, protected
by cacti and acacia, flat
area, 32 miles north of Zacatecas,
Zacatecas - alt 6,500 ft
Nov. 24

- 58250 *Eragrostis auriculatum* Gray (10)
Fls. white to pink, sprawling
in border, protected. basal leaves
linear-lanceolate
as 58249

- 58251 *Habrochloa laciniata* (Link) Schulz (4)
Fls. white, shade of cacti and
acacia. as 58249

58252 *Halimolobos viscidolobus* (Link.) Schlegel ①
Fls. white, nict. ...
20 miles north of Fresnillo, Zacatecas.
alt. 7,000 ft.
Nov. 25

58253 *Ophiorhiza Engelmannii* Benth ②
Clay soil ...
all about ...
32 miles north of Fresnillo,
Zacatecas alt. 7,000 ft.
Nov. 25

58254 *Halimolobos Palmeri* (Hornem.) Schlegel ③
var. *acutidula* Rollins
Continued ...
Prosopis ...
on dec. fr. ... 34 mi.
north of Fresnillo, ...
alt. 7,000 ft. - Nov. 25

58255 *Halimolobos lasiolobus* (Link.) Schlegel ④
...
...
...

58256 *Cheilanthes villosa* Davenp. ②
crevices of white rocks, on east-
facing exposure.

58257 *Cheilanthes Eatonii* Baker ⑥
as 58256

58258 *Polypodium thysanolepis* A.Br. ①
as 58257

58259 *Polypodium hispidum* (Nutt.) Underw. ①
as 58257

58260 *Selaginella peruviana* (Milde) Hieron. ①
as 58257

58261 *Cheilanthes Lindheimeri* Hook. ②
as 58257

58262 *Parthenocissus bipinnatifida* (Ort.) Rollis ③
Annual, branches above
as 58257

58263 *Dalmanoxia* Mill. 7
Corolla white, widely branching
up to 3 ft across, (largest leaves
taken) crevices of ^{steep} ~~steep~~ ^{volcanic} ~~volcanic~~ ^{basaltic} ~~basaltic~~ ^{hyolite}
basaltic, 55 miles north of
Fresnillo, Barro Colorado desert,
Zacatecas Alt. 6,500 ft.
Nov. 25 (5 miles n. of Rio Grande)

58264 *Abutilon ellipticum* Schlecht. Malv.
Fls. orange, woody at base
as 58263

58265 *Wissadula holosericea* Schlecht. A.C.
Fls. orange, woody at base
as 58263

58266 *Conyza conyzifolia* Cav.
Fls. purple, perennial, large herb,
as 58263

58267 *Notholaena sinuata* (Sw.) Kaulf. var.
as 58263 *Sinuata* ①

58268 *Nolholaea canescens* (Poir.) Less. ①
as 58263

58269 *Scleropogon brevifolius* Phil. ⑥
Form in clumps; - level desert area
det. Reeder

58270 *Halmilobos lasiobas* (Link) Schleg ①
Under protective shrubs
58 inches tall, 1.5 inches
Zacatecas alt. 6,000
Nov. 25

58272 = *Portulaca inca* HBK
Shrub up to 15 ft. high, hillside in
slate-colored rock, 32 miles
southeast of (Somborette) Somborette.
Zacatecas alt. 7,100 ft.
Nov. 25

58271 =
Shrub up to 15 ft., bark light gray,
petals 3 mm. white
as 58271

58273 *Lesquerella schaffneri* Wats.
 Fls white, siliques subglobose,
 globose, styles sessile, short,
 sprawling in border, limestone
 plate, 23 miles ^{road} east
 of Sombor, Sonora
 alt. 7,800 ft. Nov 25

58274 *Bergenia lyrata* Benth. (3)
~~*B. thymifolia*~~
 perennial with a deep black root;
 ligules white, notched at apex, 1-3
 leafy part perianth, basal
 as 58273

58275 *Parthenium bipinnatifidum* (Ortega) Polak (8)
 ligule lobed, perianth, annual,
 much branched as 58273

58276 *Marsilea mexicana* H.Br. (2)
 margin and floating in ephemeral
 pool, roadside, large leaves
 for among rocks, 5 miles
 north of ~~the~~ ^{the} ~~road~~ ^{road}.
 alt. 6,400 ft. Nov. 26.

58277 *Datura innoxia* Mill.

Fls white, plants widely spreading,
ca 2 ft high, up to 4 ft across.
Limestone area steep bank, roadside
58 miles northeast of Durango,
Durango alt 6,650 ft -

58278 *Lesquerella*

probly *L. fendleri* - 4 ft in fl
on limestone chip - as 58277

Berlandiera lyrata Benth.

(14)

58279

~~*Berlandiera*~~

open area on limestone soil
as 58277.

rays yellow, purple veined below, 8
ray flower per head, corolla 4-lobed
white, minute -

58280

Lesquerella *Bregginii* Gray

(5)

Fls pink, corolla all white, sprawling
on a gravelly hillside, limestone rock
around - at the same road junction.
74 miles northeast of Durango,
N.M. alt 6,500

Nov. 26

N = 10

58284 *Notholaena serrata* var. *cochisensis* (Goodd.)
Local on limestone hillsides - Weath.
as 58283 ①

58285 *Chenopodium Wrightii* Hook. ①
Under igneous rocks
as 58283

58286 *Anoda pentaschista* Gray Mo
Rocks - rose purple
as 58283

58287 *patulum* *bipinnatifidum* (Ortega) Polak. ③
Sandy flat, 1 mile north east of
Guacamayo, ^{Durango} road to Torreon.
alt. 5,400 ft. - Nov. 26

58288 *Nerisyrenia camporum* (Gray) Greene
Fls. white, fruits malformed, annual
barren. mainly flat

54 miles southwest of
Toluca, northeast of Cuernavaca,

Durango

Nov. 26

alt. 4,900 ft.

58289 *Nicotia edwardii* Gray 3-4
rays per flower, dark striped
on back, annual
as 58288

58290 (*Indianum*) *Euphorbia antisiphilitica* Zucc
48 in sw of Toluca 4500 ft
crevice of igneous rocks
(chylolite?)

58291 *Thelypodium Paysonii* Rollins ⑦
same as 58290
annual, stems erect, leafy
at top, purple, fls. white
rock crevices, decaying rock

58292 *Chamaelirium horridula* Maxon ①
as 58291

58292 *Nauyasoria camporum* (Gray) Greene ⁽¹⁴⁾

Fls. white, very woody at base, leaves mostly entire, opposite, thick and densely canescent.

Steep slope of desert mountain in calcareous or (gypsaceous?) soil.

42 miles east of Torreon, Coahuila
alt. 4,500 ft - Nov. 27

$n = 11$

58294 *Lepidium lasiocarpum* Nutt. ⁽⁹⁾

Small, as 58293

58295 *Salpiglossis lepidophylla* (Hook. & Grev.) ⁽¹⁾
in crevices of rocks Spring
as 58293

58296 *Thelypodium Paysonii* Rollins ⁽⁹⁾

Fls. white, pedicels at right angles, siliques slightly arcuate, ^{as 58295} largest plant 2 ft. high - smallest 4 inches, 44 inches

~~58297~~ east of Torreon, Coahuila

alt. 4,500 ft - Nov. 27

58297 *Nottholaena Standleyi* Maxon ⁽¹⁾

crevices of rocks.

as 58296

58298 *Nerisyrinx camporum* (Gray) Greene
Fls white, leaves dentate
as 58296

58299 *Lepidium lasiocarpum* Nutt. ⁽²⁾
var. *orbiculare* (Thell.) Hitchc
some shade some sun

as 58296
58299a - *L. lasiocarpum* Nutt - unisexual in A.H. Spring (3)

58300 *Selaginella lepidophylla* (Hook & Grev.)
Rock crevices - clear material

58301 *Nerisyrinx camporum* (Gray) Greene ⁽¹⁾
Fls. white, open desert.
7.2 miles east of Tancos,
Coahuila - alt 3,900 ft.
Nov. 27

58302 *Polygala obscura* Benth? (too young)
Dry rocky slope
of pails, between pails - 2 pails
Coahuila alt 4,000 ft.
Nov. 27

Picture
of 2010

58303 *Datura innoxia* Mill. (2)
Fls. white -

4011 22 miles east of Pailon - junction off
to Parros, Coahuila.
alt. 4,200 ft. - Nov. 27

58304 *Parthenium confertum* Gray, var. *lytatum* (Gray) (4)
fls. white
as 58303

58305 *Notocaulon parvifolia* Teyon (1)
crevices of rock - alt. 4,200 ft.
Coahuila - alt. 4,200 ft. - Nov. 27

58306 *Polypodium intermedia* Wettst. & Kuhn (1)
as 58305

58307 *Cheilanthes Eatonii* Baker (3)
as 58305 [see 58317]

58308 *Selaginella Wrightii* Hieron. (1)
as 58305

58309

Heliotropium confertifolium (Torrey) Torr.

Caespitose, wind swept hill.

7 miles west of Saltillo, Coahuila.

alt 6,000 ft. - Nov. 27

58310

Lepidolobos oblongum Small (10)

10 miles west of Saltillo, Coahuila.

alt. 4,800 ft. - Nov. 28

58311

Synthyris Greggii Gray (8)

Fls. white, sprouting from

rubble, 20 miles west of

Saltillo, Coahuila.

alt. 3,000 ft. - Nov. 28

Nuevo Leon

58312

Patersonia collina Gray var. (4)

lychnis Gray coll.

Nov. 28

58313 *Lesquerella Berlandieri* (~~Gray~~) Watson
Basal rosettes only - annual
shallow soil over limestone, 5 miles
east of Cadereyta, between Merit
and Tijuana, Mexico
alt. 1100 ft - Nov. 28th

58314 *Psidium confertum* Gray var. *microcephalum*
alt. 1100 ft - Nov. 28th

58315 *Lesquerella Berlandieri* (~~Gray~~) Watson
basal rosettes only
shallow soil over limestone
alt. 1100 ft - Nov. 28th

58316 *Lesquerella lindheimeri*
basal rosettes
black-ls & purple type, rare
Marquesas Airport, 8 miles
S of Matamoros, Tamaulipas
Sea level - Nov. 29th

- 58317 *Notholaena Haschenbourniana* Pl.
split from 58307, same ①
data.
- 58318 *Cheilanthes notholaenoides* (Desd.)
split from 58197, Weath. ①
Same data.
- 58319 *Marsilea Fournieri* C. Chr. ③
Same data as 58209 but muddy
border of sphenoid pool. This coll.
was not listed originally.
- 58320 *Selaginella peruviana* (Milde) Hieron.
split from 58232, same ①
data.
- 58321 *Phyllanthus polygonoides* Spreng
(Euphorb.)
Same data as 5893 which it
was originally labeled.

1)

